

**ABSTRACT**

A system and method for image acquisition enables selective automated application of color management to color image data generated by an image-capturing device by the device driver for the device. In the image acquisition system, each image-capturing device has properties or operation parameters that can be set to control the operation of the device. During an image acquisition operation, color image data generated by the image-capturing device are transmitted to the device driver. If the operation parameters of the device are set to indicate that color management is to be performed, the device driver calls color management functions provided by the operating system to perform the desired color operation, such as a color space conversion, on the received color image data. The processed color image data are then sent to the image-processing application for further processing or editing.